

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-002939

(43)Date of publication of application : 09.01.1996

(51)Int. Cl.

C03C 8/24

(21)Application number : 06-134126

(71)Applicant : NIPPON SHEET GLASS CO LTD  
NIPPON GLASS FIBER CO LTD

(22)Date of filing : 16.06.1994

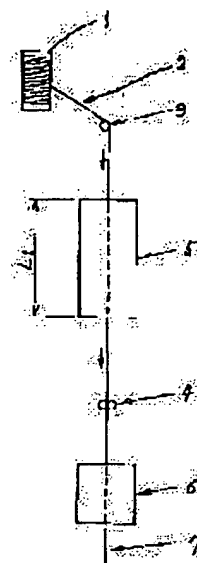
(72)Inventor : ASANO OSAMU  
NAKAGAKI SHIGEKI  
KONDO TOSHIKAZU

## (54) PRODUCTION OF COMPOSITE FUSED MATERIAL

## (57)Abstract:

PURPOSE: To obtain a composite fused material not causing foaming and blackening, free from fuzz and exhibiting strong binding force by heating a mixed and collected body of a glass filament and/or a ceramic filament having a composition different from soldering glass with a soldering glass filament to fuse the mixed and collected body integrally.

CONSTITUTION: A mixed and collected body obtained by collecting glass filament and/or a ceramic filament having a composition different from soldering glass and having softening point which is  $\approx 100^{\circ}\text{C}$  higher than that of soldering glass and a soldering glass filament in a volume ratio of (2:8) to (9:1) is passed through a heating zone 5 using a guide roll 3 and a tension roll 4 and heated at a temperature higher than the softening point of the soldering glass to fuse and integrate the mixed and collected body and cut into a prescribed length by a cutter 6 to provide the objective composite fused material 7. The composite fused material is as necessary, heated and fused in a heating zone 5 and integrally formed into a prescribed thickness by a pressing means before cooling and solidifying.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision  
of rejection][Kind of final disposal of application  
other than the examiner's decision of  
rejection or application converted  
registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

BEST AVAILABLE COPY